

## Rating Criteria for 2003 Construction Highlights

Element	*	**	***	****	*****
	Major, preventable >25%(Cost growth	Major, significant, 15% to 25% cost growth	Moderate, 10%to 15% cost growth	Minor, 5% to 10% cost growth	No impact, or up to5% cost growth
Design  <i>*Errors in the plans</i> <i>*Ability to have</i> <i>corrected with</i> <i>information</i> <i>available</i> <i>*Impact on cost and</i> <i>schedule</i>	Major design problems encountered, most of which could have been resolved with the information available during design. These issues have led to major impacts on project cost and schedule.	Major design problems encountered, many of which could have been resolved with the information available at the time of design. These issues have had a significant impact on the project cost and schedule.	Moderate design issues encountered, some of which could have been resolved with the information available at the time of design. Impact on project cost and schedule is moderate.	Some design issues encountered, most of which would have been difficult or impractical to resolve with the information available at the time of design. Project schedule and budget are close to planned, in spite of these issues.	Virtually no design problem encountered, or only minor problems encountered that would have been difficult to resolve in design with the information available. Project has maintained schedule and budget as planned.
Contract Administration  <i>*Issue resolution to</i> <i>avoid increase cost</i> <i>and schedule.</i> <i>*Communication</i> <i>and partnering.</i> <i>*Focus on safety,</i> <i>workmanship, and</i> <i>environmental</i> <i>stewardship</i>	Contract team is unable to stay on top of issues. Most if not all resolutions are reactionary, resulting in impacts to the schedule and cost of the project. Communications have broke down and all attempts at a partnering atmosphere have failed. Project team completely lacks focus on safety, workmanship, and environmental stewardship.	Contract team is unable to stay on top of issues. Few issues are resolved proactively and the result is an impact on project schedule and cost. Communications are poor and attempts at a partnering atmosphere have marginal results. Project team fails to dedicate adequate focus on safety, workmanship, and environmental stewardship.	Contract team is struggling to stay on top of issues. Attempts are made at managing the project in a partnering atmosphere, but frequent breakdowns in communication are evident. Some issues are addressed proactively, but many are not, resulting in impacts to the schedule and cost of the project. Project team has some focus on safety, workmanship, and environmental stewardship, but it is not consistent or uniform.	Contract team is managing most issues and avoids major impacts to the cost and schedule of the project. Communication and partnering efforts are generally good, with a mutual commitment to strengthen. Most issues are addressed proactively and resolved to the mutual benefit of the team. Project team has a good focus on safety, workmanship, and environmental stewardship, with shortcomings resolved promptly.	Contract team is on top of all issues and managing the project in a partnering atmosphere. Issues are addressed proactively and resolved with mutual satisfaction before they impact the cost and schedule of the project. Project team exhibits a strong focus on safety workmanship, and environmental stewardship.
Schedule  <i>*Schedule</i> <i>*Duration</i> <i>*Public</i> <i>inconvenience</i>	Project is substantially behind the originally anticipated completion date. Delays have pushed the completion date into another construction season. Significant inconvenience, traffic impacts and delays for the traveling public is expected, beyond what was originally planned.	Significant delay in project schedule. Overall duration of the project is well beyond the original anticipated completion date, pushing work into a less than optimal season. Public will experience a major increase in inconvenience due to traffic restrictions.	Moderate schedule delay from the originally anticipated completion date. Delay has pushed the completion later in the construction season, but has not pushed it into another construction season. Public will be inconvenienced for a longer period, but the duration is moderate.	Minor schedule delay from the originally anticipated completion date. The overall duration of the project has extended a minor amount. As a result, inconvenience to the public, beyond what was originally envisioned, will be minor or not existent.	Project is scheduled for an on time completion. Minor adjustments to the schedule have been managed to essentially preserve the original completion date and delays to the public have not exceeded those originally envisioned.
Cost  <i>*Comparison to bid</i> <i>*Comparison to</i> <i>estimate</i>	Project cost substantially exceeds the original anticipated budget amount. Changes orders and/or quantity variations are substantial. Total dollars paid to contractor are anticipated to be over 25% of the original bid amount and well in excess of the final engineer's estimate for this project. Most of the cost growth could have been prevented with the information available during design. Impact and delay costs are a major portion of added cost.	Project is in growing in cost (>15% over bid and estimate). Changes and quantity variations are large. Most of the added cost is for work that should have been identified in the original contract based on the information available during design. Impact and delay costs are a significant part of the overall increase in cost.	Project is in growing in cost (>10% over bid and estimate). Changes and quantity variations are large, but have lead to added value. Added work is necessary to accomplish the goals and objectives for this project. Most of these additions are for issues that could not have been reasonably known and resolved at the time of design.	Project is in growing in cost (with in 5% of the bid or estimate). Changes and quantity variations exist, but they are small in comparison to the overall project and have lead to added value. Delay and impact costs are being held to a minimum and a majority of the growth is for direct costs. These additions are issues that would not have reasonably solved with additional design effort.	Project is tracking right on the original budget with only minor changes and quantity variations. Cost growth on project through quantity variations, and change orders do not exceed 5% of original bid amount. Bid amount compares favorable to the engineer's estimate (within 10%)